



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 5
77 WEST JACKSON BOULEVARD
CHICAGO, ILLINOIS 60604**

DATE: MAY 01 2019

SUBJECT: CLEAN AIR ACT INSPECTION REPORT
Meyer Steel Drum, Inc., Chicago, Illinois

FROM: Manojkumar P. Patel, Environmental Engineer
AECAB (MI/WI)

THRU: Sarah Marshall, Section Chief
AECAB (MI/WI)

TO: File

BASIC INFORMATION

Facility Name: Meyer Steel Drum, Inc., Chicago, Illinois

Facility Location: 3201 South Millard Avenue, Chicago, Illinois 60623

Date of Inspection: March 7 and 8, 2019

EPA Inspector(s):

1. Manojkumar P. Patel, Environmental Engineer
2. Alexandra Letuchy, Environmental Engineer

Other Attendees

1. Robert Conway, General Manager, Meyer Steel Drum, Inc.
2. John R. Dinnella, Plant Manager, Meyer Steel Drum, Inc.
3. Glenn R. Wentink, Consultant, Meyer Steel Drum, Inc.,

Contact Email Address: bob@meyersteeldrum.com

Purpose of Inspection: Witnessing of Clean Air Act Volatile Organic Compounds stack testing at Washing Operations

Facility Type: Drum Refurbishing Operations

Arrival Time: 6:00 AM CST

Departure Time: 4:00 PM CST

Inspection Type:

- ☐ Unannounced Inspection
☒ Announced Inspection

OPENING CONFERENCE

- ☒ Credentials Presented
☒ CBI warning to facility provided

The following information was obtained verbally from the facility personnel unless otherwise noted.

Process Description:

Meyer Steel Drum, Inc. (the facility) is located at 3201 South Millard Avenue, Chicago, Illinois. The facility receives empty drums from food, coil, surface coating, spent oil industries, industrial solvent manufacturing, and chemical industries around the Chicagoland area via trucks. Empty metal drums are washed, cleaned, repaired, painted, and then resold into the market.

TOUR INFORMATION

EPA toured the facility: Yes

Data Collected and Observations:

- EPA perceived a strong odor inside the plant.
- EPA observed a very high concentration on the Method 25A Volatile Organic Compounds (VOC) analyzer.
- EPA observed a poor capture of vapors from the first solvent washing line based on the smoke tube readings by a stack testing contractor.
- The facility has 5 wash lines – Lines 1 and 2 are for solvent drums, 3 can shared between solvent drums or oil drums, and lines 4 and 5 are always for oil drums

Photos and/or Videos: were taken during the inspection.

All photos are considered as Confidential Business Information by the facility.

Field Measurements: were not taken during this inspection.

RECORDS REVIEW

N/A

CLOSING CONFERENCE

N/A

SIGNATURES

Report Author:  Date: 5/1/19

Section Chief:  Date: 5/1/19

Facility Name: Meyer Steel Drum, Inc., Chicago, Illinois
Facility Location: 3201 South Millard Avenue, Chicago, Illinois 60623
Date of Inspection: March 7 and 8, 2019

APPENDICES AND ATTACHMENTS

1. Appendix A – Digital Image Log – CBI – DO NOT RELEASE

Contains Items Claimed as CBI – Non-Releasable**Facility Name:** Meyer Steel Drum, Inc., Chicago, Illinois**Facility Location:** 3201 South Millard Avenue, Chicago, Illinois 60623**Date of Inspection:** March 7 and 8, 2019**APPENDIX A: DIGITAL IMAGE LOG**

1. Inspector Name: Manojkumar P Patel	2. Date(s) of Inspection: March 7 and 8, 2019
3. Company/Facility Name: Meyer Steel Drum, Inc., Chicago, Illinois	4. Street Address, City, State: 3201 South Millard Avenue, Chicago, Illinois 60623
5. Number of Images: 117	6. Archival Record Location: Flash Drive labeled as CAA Inspection of March 7 and 8, 2019 VOC Stack Testing at Meyer Steel Drums Inc., Chicago, IL

Image Number	File Name	Date and Time (incl. time zone and DST)	Latitude and Longitude	Description of Image
1	IMG_0001.JPG			On the rooftop
2	IMG_0002.JPG			VOC Test Equipment Setup by Contractor
3	IMG_0003.JPG			Test Set up Crew
4	IMG_0004.JPG			Drum Inside
5	IMG_0005.JPG			Inside View of Drum
6	IMG_0006.JPG			Inside View of Drum
7	IMG_0007.JPG			Inside View of Drum
8	IMG_0008.JPG			Inside View of Drum
9	IMG_0009.JPG			Inside View of Drum
10	IMG_0010.JPG			Inside View of Drum
11	IMG_0011.JPG			Inside View of Drum
12	IMG_0012.JPG			Inside view of Drum
13	IMG_0013.JPG			Inside view of Drum
14	IMG_0014.JPG			Inside view of Drum
15	IMG_0015.JPG			Inside View of Drum
16	IMG_0016.JPG			Inside View of Drum
17	IMG_0017.JPG			Inside View of Drum
18	IMG_0018.JPG			Inside View of Drum
19	IMG_0020.JPG			Inside View of Drum
20	IMG_0021.JPG			Inside view of Drum
21	IMG_0022.JPG			Drum Label
22	IMG_0023.JPG			Drum label
23	IMG_0024.JPG			Inside View of Drum
24	IMG_0025.JPG			Inside View of Drum
25	IMG_0026.JPG			Inside View of Drum
26	IMG_0027.JPG			Drum Label

Contains Items Claimed as CBI – Non-Releasable**Facility Name:** Meyer Steel Drum, Inc., Chicago, Illinois**Facility Location:** 3201 South Millard Avenue, Chicago, Illinois 60623**Date of Inspection:** March 7 and 8, 2019

27	IMG_0028.JPG			Drum label
28	IMG_0029.JPG			Inside View of Drum
29	IMG_0030.JPG			Drum Label
30	IMG_0031.JPG			Drum View
31	IMG_0032.JPG			Drum Inside View
32	IMG_0033.JPG			Vapor being Released from the Interior Wash Line
33	IMG_0034.JPG			Vapor is being Released from the Interior Wash Line
34	IMG_0035.JPG			Vapor is being Released from the Interior Wash Line
35	IMG_0036.JPG			Method 25A Analyzer Screen Display
36	IMG_0037.JPG			Method 25A Analyzer
37	IMG_0038.JPG			Vapor is being Released from the Wash Tank (Interior)
38	IMG_0039.JPG			Interior Wash Cleaning Transfer Pump
39	IMG_0040.JPG			Smoke Tube Measurement by a contractor
40	IMG_0041.JPG			Smoke Tube Measurement by a Contractor
41	IMG_0042.JPG			Smoke Tube Measurement by a Contractor
42	IMG_0043.JPG			Vapors is being escaped from the Interior Wash line
43	IMG_0044.JPG			Drum Label
44	IMG_0045.JPG			Drum Inside
45	IMG_0046.JPG			Drum Inside View
46	IMG_0047.JPG			Drum Inside View
47	IMG_0048.JPG			Drums on the Conveyor
48	IMG_0049.JPG			Drum Inside View
49	IMG_0050.JPG			Drum Inside View
50	IMG_0051.JPG			Drum Inside View
51	IMG_0052.JPG			Drum Inside View
52	IMG_0053.JPG			Drum Exterior Label
53	IMG_0055.JPG			Inside View
54	IMG_0056.JPG			Drum Inside View
55	IMG_0057.JPG			Drum Inside View
56	IMG_0058.JPG			Drum Exterior Label
57	IMG_0059.JPG			Inside View
58	IMG_0060.JPG			Drum Exterior View

Contains Items Claimed as CBI – Non-Releasable**Facility Name:** Meyer Steel Drum, Inc., Chicago, Illinois**Facility Location:** 3201 South Millard Avenue, Chicago, Illinois 60623**Date of Inspection:** March 7 and 8, 2019

59	IMG_0061.JPG			Drum Inside View
60	IMG_0062.JPG			Drum Exterior Label
61	IMG_0063.JPG			Vapor is being Released into Plant Inside
62	IMG_0064.JPG			Vapor is being Released into the Plant Inside
63	IMG_0065.JPG			Drum Inside View
64	IMG_0066.JPG			Vapor is being Released in to Plant Interior
65	IMG_0067.JPG			Vapor is being Released into Plant Interior
66	IMG_0068.JPG			Drums on the Internal Washing Line
67	IMG_0069.JPG			Drums on the Internal Washing Line
68	IMG_0070.JPG			Drums on the Internal Washing Line
69	IMG_0072.JPG			Drum Inside View
70	IMG_0073.JPG			Drum Inside View
71	IMG_0074.JPG			Drum Inside View
72	IMG_0075.JPG			Drum Inside View
73	IMG_0076.JPG			Drum Exterior label
74	IMG_0077.JPG			Drum Exterior label
75	IMG_0078.JPG			Drum Exterior Label
76	IMG_0079.JPG			Drum Inside View
77	IMG_0080.JPG			Drum Inside View
78	IMG_0081.JPG			Drum Exterior Label
79	IMG_0082.JPG			Drum Inside View
80	IMG_0083.JPG			Drum Inside View
81	IMG_0084.JPG			Drum Inside View
82	IMG_0085.JPG			Drum Exterior Label
83	IMG_0086.JPG			Drum Inside View
84	IMG_0088.JPG			Drum Inside View
85	IMG_0089.JPG			Drum Inside View
86	IMG_0090.JPG			Drum Exterior label
87	IMG_0091.JPG			Drum Inside View
88	IMG_0092.JPG			Drum Exterior Label
89	IMG_0093.JPG			Drum Inside View
90	IMG_0094.JPG			Drum Exterior Label
91	IMG_0095.JPG			Drum Inside View
92	IMG_0096.JPG			Drum Inside View
93	IMG_0097.JPG			Drum Exterior Label

Contains Items Claimed as CBI – Non-Releasable**Facility Name:** Meyer Steel Drum, Inc., Chicago, Illinois**Facility Location:** 3201 South Millard Avenue, Chicago, Illinois 60623**Date of Inspection:** March 7 and 8, 2019

94	IMG_0099.JPG			Closer view of Drums on the Wash line
95	IMG_0100.JPG			Drum Inside View
96	IMG_0101.JPG			Drum Inside View
97	IMG_0102.JPG			Drum Inside View
98	IMG_0103.JPG			Vapor is being Released from the Wash line
99	IMG_0104.JPG			Drum Inside View
100	IMG_0105.JPG			Drum Inside View
101	IMG_0106.JPG			Drum Inside View
102	IMG_0107.JPG			Drum Inside View
103	IMG_0108.JPG			Drum Inside View
104	IMG_0109.JPG			Drum Inside View
105	IMG_0110.JPG			Drum Inside View
106	IMG_0111.JPG			Drums on the Wash line
107	IMG_0112.JPG			Drums towards Flusher Exterior Washing
108	IMG_0113.JPG			Drums Inside Flusher
109	IMG_0114.JPG			Exhaust from the Flusher
110	IMG_0115.JPG			Second Exhaust from Flusher
111	IMG_0116.JPG			Closer View of Drums in the Flusher
112	IMG_0117.JPG			Flusher Wash Tanks
113	IMG_0118.JPG			Flusher Tanks
114	IMG_0119.JPG			Drum Inside View
115	IMG_0120.JPG			Drum Inside View
116	IMG_0121.JPG			Drum Inside View
117	IMG_0122.JPG			Drum Exterior Label